



National Agricultural Statistics Service  
Iowa Field Office

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**In Cooperation with the Iowa Department of Agriculture and Land Stewardship**

For the week ending July 8, 2012

Triple digit temperatures and little if any rainfall in most areas of the State caused crop conditions to decline significantly during the week. Iowa farmers not only faced hot, dry conditions but insect populations are on the rise with many fields being treated.

There were 6.9 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 48 percent very short, 40 percent short, 12 percent adequate, and 0 percent surplus. Central and South Central Iowa are the driest with at least 96 percent of the topsoil moisture rated short to very short. Subsoil moisture dropped to 38 percent very short, 44 percent short, 18 percent adequate, and 0 percent surplus.

Sixty-two percent of the corn crop is at or beyond the tasseling stage, well ahead of last year's 3 percent and the five-year average of 16 percent. Forty-eight percent of the corn crop is silking, nearly two weeks ahead of normal. Corn condition is reported at 5 percent very poor, 13 percent poor, 36 percent fair, 40 percent good, and 6 percent excellent. The combined good to excellent percentage of 46 is at the lowest level for the first week of July since 1993. Fifty-two percent of the soybean crop is blooming, ahead of last year's 29 percent and the five-year average of 34 percent. Soybean condition is rated 4 percent very poor, 11 percent poor, 37 percent fair, 42 percent good, and 6 percent excellent. Ninety-two percent of the oat crop has turned color, well ahead of last year's 38 percent and the five-year average of 49 percent. Forty-five percent of the oat crop has been harvested, almost three weeks ahead of normal. Oat condition is rated 4 percent very poor, 16 percent poor, 36 percent fair, 40 percent good, and 4 percent excellent. Harvest of second cutting of alfalfa hay, at 90 percent complete, is a month ahead of the normal pace. Hay condition is rated

9 percent very poor, 20 percent poor, 42 percent fair, 28 percent good, and 1 percent excellent.

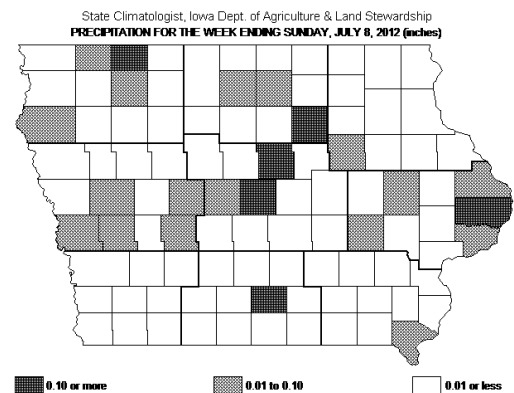
Just under one-half of Iowa's pasture and range land is rated in poor to very poor condition. Pasture and range condition rated 16 percent very poor, 33 percent poor, 37 percent fair, 13 percent good, and 1 percent excellent. The excessive heat also caused stress for livestock with some deaths being reported.

**IOWA PRELIMINARY WEATHER SUMMARY**  
**Provided by Harry Hillaker, State Climatologist**  
**Iowa Department of Agriculture & Land Stewardship**

It was a very hot and dry week across Iowa. Temperatures were far above normal until the weekend when a cool front brought relief to the northwest on Saturday (7<sup>th</sup>) and statewide on Sunday (8<sup>th</sup>). Triple digit temperatures were recorded in some areas from Wednesday through Saturday. Keosauqua reached 99 degrees or higher every day from Monday through Saturday while the highest temperatures in the state so far this year were recorded on Saturday when Bloomfield, Fairfield, Fort Madison, Iowa City, Lamoni, Osceola, Oskaloosa and Rathbun Dam all reached 105 degrees. The week's lowest temperatures were recorded on Sunday (8<sup>th</sup>) morning at Estherville, Mason City, Sheldon and Swea City with 61 degree readings. Temperatures for the week as a whole averaged 9.3 degrees above normal. There was no widespread rain during the week with only a few isolated thunderstorms which were most numerous over central Iowa on Thursday morning and over east central Iowa on Saturday evening. The vast majority of Iowa saw no rain during the week while the greatest rain amount reported was 1.72 inches near Delmar in Clinton County. The statewide average precipitation was 0.02 inch while normal for the week is 1.07 inches. This was Iowa's driest week in 21 weeks (early February).

### Crop Conditions as of July 8, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn .....	5	13	36	40	6
Soybeans .....	4	11	37	42	6
Oats .....	4	16	36	40	4
Hay, all .....	9	20	42	28	1
Pasture & Range .....	16	33	37	13	1



## Field Work and Crop Progress as of July 8, 2012

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn tasseled .....	64	66	41	76	63	52	71	54	70	62	NA	3	16
Corn silked .....	49	41	31	61	51	40	58	44	54	48	16	1	7
Soybeans bloomed .....	66	45	45	65	54	42	46	42	44	52	27	29	34
Oats turned color .....	96	82	95	81	93	92	97	89	93	92	68	38	49
Oats harvested for grain .....	40	35	47	38	44	46	53	48	53	45	20	3	2
Hav. alfalfa - 2nd cutting .....	95	85	96	95	91	97	92	79	88	90	76	33	28

### Days Suitable & Soil Moisture Condition as of July 8, 2012

[illegible]

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: 7:00 am Sunday, July 8, 2012, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
	North West District									
Estherville .....	95	61	80	9	0.00	-0.82	12.41	1.23	1,461	414
Sioux Center .....	100	62	82	9	0.00	-0.88	10.98	-0.42	1,686	362
Spencer .....	99	65	82	11	0.02	-0.89	12.86	1.62	1,556	425
Spirit Lake .....	97	63	81	10	0.34	-0.57	12.95	1.96	1,457	346
North Central District										
Britt .....	98	65	82	10	0.13	-0.92	11.51	-0.80	1,370	272
Dakota City .....	100	66	83	10	0.00	-1.03	10.90	-1.70	1,498	288
Mason City .....	99	61	80	9	0.00	-0.99	9.62	-3.16	1,423	316
Osage .....	98	65	82	11	0.00	-0.98	12.13	-0.58	1,349	304
North East District										
Decorah .....	101	66	84	13	0.00	-0.93	10.29	-2.34	1,492	366
Dubuque .....	98	70	83	12	0.00	-0.91	7.11	-6.06	1,388	284
Elkader .....	99	63	82	11	0.00	-0.91	8.04	-4.07	1,200	122
Fayette .....	99	67	83	12	0.00	-0.98	11.34	-1.54	1,350	361
Waterloo .....	101	70	85	13	0.00	-1.12	9.48	-3.72	1,556	359
West Central District										
Carroll .....	98	66	82	10	0.00	-1.05	10.44	-3.38	1,541	337
Castana .....	98	65	82	8	0.05	-0.76	12.90	0.54	1,532	174
Guthrie Center .....	100	66	83	10	0.00	-0.88	10.81	-2.57	1,601	359
Harlan .....	95	67	81	7	0.05	-0.86	11.23	-1.73	1,549	357
Jefferson .....	98	66	82	9	0.00	-1.05	8.25	-5.57	1,550	335
Logan .....	98	69	82	7	0.02	-0.84	12.23	-0.56	1,610	301
Rockwell City .....	98	66	81	7	0.00	-1.05	11.61	-1.02	1,496	309
Sac City .....	95	64	80	7	0.00	-0.91	12.11	-0.63	1,432	322
Sioux City .....	97	68	81	7	0.00	-0.77	13.18	2.53	1,711	433
Central District										
Boone .....	99	69	82	10	0.11	-0.84	10.36	-3.81	1,491	284
Des Moines .....	102	74	88	12	0.00	-0.88	11.21	-1.31	1,910	554
Grundy Center .....	99	70	84	13	0.00	-1.05	8.85	-4.25	1,498	381
Marshalltown .....	99	70	85	12	0.00	-0.99	5.82	-7.34	1,643	442
Newton .....	101	71	86	12	0.00	-0.91	8.51	-4.57	1,566	232
Perry .....	101	68	84	11	0.00	-0.92	10.70	-2.56	1,564	356
Toledo .....	100	67	84	12	0.00	-1.01	7.68	-5.74	1,422	304
East Central District										
Cedar Rapids .....	100	69	84	11	0.00	-0.98	6.76	-5.86	1,546	282
Davenport .....	100	68	83	9	0.00	-0.91	11.24	-1.12	1,594	198
Iowa City .....	105	71	86	11	0.00	-1.12	9.81	-3.79	1,666	186
Lowden .....	103	69	85	12	0.00	-1.05	9.09	-4.84	1,476	292
Maquoketa .....	101	68	83	11	0.00	-0.88	6.39	-6.28	1,336	187
Muscatine .....	101	70	84	10	0.10	-0.95	12.81	-0.21	1,527	109
South West District										
Atlantic .....	98	68	83	10	0.00	-0.91	10.51	-1.61	1,599	321
Clarinda .....	97	67	82	7	0.00	-1.12	11.04	-2.93	1,679	413
Glenwood .....	100	70	84	9	0.00	-0.92	9.56	-3.92	1,648	251
Red Oak .....	98	71	83	8	0.00	-1.07	16.03	1.64	1,749	418
Sidney .....	99	70	84	9	0.00	-1.06	9.70	-3.18	1,778	360
South Central District										
Allerton .....	104	70	85	11	0.00	-1.05	10.25	-2.78	1,569	302
Beaconsfield .....	101	68	83	10	0.00	-1.02	10.81	-2.03	1,567	346
Chariton .....	101	70	85	11	0.25	-0.84	11.91	-1.79	1,610	438
Indianola .....	100	69	85	11	0.00	-0.95	7.91	-5.52	1,597	416
Leon .....	100	65	82	8	0.00	-0.91	12.20	-1.21	1,526	332
South East District										
Bloomfield .....	105	70	85	10	0.10	-0.90	9.59	-3.45	1,645	333
Burlington .....	102	69	84	10	0.28	-0.70	10.34	-2.15	1,730	285
Ottumwa .....	103	68	84	9	0.08	-0.91	10.40	-1.82	1,661	220
Washington .....	103	71	85	9	0.00	-0.98	13.66	1.36	1,598	237

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.